

# Notice of Allowability

Application No.

10/076,226

Examiner

Gregory D Thompson

Applicant(s)

BANTON ET AL.

Art Unit

2835

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to election/amendment filed on 5/7/04 and interview on 7/14/04.
2. ☒ The allowed claim(s) is/are 1-30.
3. ☒ The drawings filed on 28 May 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 7/15/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 7/14/04
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Gregory D Thompson  
Primary Examiner  
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1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Claim 3, line 1 dependency changed from "1" to - - 2 - - to provide antecedent for the panel.

Claim 13 , line 2 language of " the plenum" changed to - - at least one of the aforesaid plenums - -.

Claim 14 ,line 2 language of " the plenum" changed to - - at least one of the aforesaid plenums - -.

Claim 15 ,line 8 language of "the " change to - - a - -. Line 10 before "a" language of - - in - - added.

Claim 16, line 2 language of " the" changed to - - at least one of the one or more - - .

Line 2 language of "element" changed to - - elements - -.

Claim 19, line 2 language of " in the plenum" changed to - - within at least one of the aforesaid plenums - -.

Claim 20 ,line 2 language of "the plenum" changed to - - at least one of the aforesaid plenums - -.

Claim 25, lines 10-11 language of "that part" changed to - - circuit assembly - -. Line 13 language of "the" changed to - - that respective - - .

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Claim 20 , line 1 language of " comprising" changed to - - wherein at least one circuit board comprises - - .

Line 2 language of "the" changed to - - that - - .

2. Authorization for this examiner's amendment was given in a telephone interview with David Powsner on 7/14/04.

3. The following is an examiner's statement of reasons for allowance: the cited art does not teach nor suggest a circuit board assembly with a board having at least two circuit assemblies including one or more circuit elements disposed within a plenum with each plenum having an air flow inlet and outlet edge with each assembly being disposed on opposing sides of a central source of cooling the circuit board assembly as claimed in claims 1,7, 15 and 25.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication should be directed to Gregory D Thompson at telephone number (571) 272 -2045

  
Gregory D Thompson  
Primary Examiner  
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